

12

1850

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Smithsonian Inst.
Washington, D.C.

Panama
~~Tamara~~ Cuba
N.Y. Vt. N.J. Fla
Canada

Smithsonian Inst.
Washington, D.C.

20561 - 21146
21193 - 21220
mostly black



Standard Blank Book

No. 66 $\frac{1}{4}$

Journals 2 Columns no Units

Day Books " "

Cash Books " "

S. E. Ledgers " "

D. E. Ledgers Full Page Form no Units

Long Day Book no Units

Records with Margin Line

In 150, 200, 300 and 500 Pages

Made in U. S. A.

20561	<i>Phrygananthus</i>	T 20-30'	Sep. & fil. cream wh.	Mar. 12 edge of woods, ^{Eastern slope of Paramo} del Patico	2000-2600 m.	
20562	<i>Psychotria</i>	T 20-25'	Cor. wh., lobes gr. tinged			
20563	<i>Beliceoidea</i>	T 15-20'	Pr. purple			
20564	<i>Mikania</i>	V woody	Pappus tan			
20565	<i>Eupatorium</i> ??	S 0-2 m. T, erect, 6-10'	" "			
20566	<i>Miconia</i>	T 12-20'	Pr. deep purple			
20567	<i>Anthurium</i>	H ter	Spathes bright gr., ^{shed dark} gr.			
20568	<i>Metastelma</i>	V herb.	Bracts y-g.			
20569	<i>Psychotria</i>	T 12-15'	Pr. purplish-bl			
20570	<i>Pleurothallis</i>	H epip.	Pr. light gr.			
20571	Orchid	H epip.	all per. parts light pi., red-spotted			
20572	Moss	On dead logs				
20573	<i>Amphistelma</i>	H herb	Fls. undeveloped			
20574	<i>Centropogon</i>	V woody	Cor. or-pi.		2600-2900 m.	
20575	<i>Stelis</i>	H on rocky bank		open hillside		
20576	<i>Centropogon</i>	V woody	Cor. bright red.	edge of woods		
20577	<i>Gautheria</i>	S 3-4'	Pr. red			
20578	<i>Eseallonia</i>	S 8-10'	Pet. wh.			
20579	<i>Chelodanthera</i>	H 1-3'	Calyx y-g; Cor. tub. wh. lobes rich pi., purple	at center within; style & fil. wh.; anthers bl.		
20580	<i>Rhododendron</i>	S herb.				
20581	<i>Senecio</i>	V herb	Recept. fls. g-y			
20582	<i>Senecio</i>	V woody	Fls. g-y			
20583	<i>Pittacanthus</i>	S herb.	Tub. light red, lobes dark			
20584	<i>Yungia</i>	V woody	Pappus cream-wh			
20585	<i>Centropogon</i>	H woody 1-3'	Cor. red			
20586	<i>Rubus</i>	V woody	Pet. ^{large} pink			
20587	<i>Hibandia</i>	S 10-12'	Pr. red			
20588	<i>Hibandia</i>	S 8-12'	Pr. pi.; cor. pi. prox., w. dist			
20589	<i>Viburnum</i>	S small tree 10-15'	Fls. black			
20590	<i>Cestrum</i>	S 10-12'	Cor. gr. to purplish			
20591	<i>Centropogon</i>	V woody	Cor. pink-red			
20592	<i>Psychotria</i>	T 12-15'	Pr. purplish			
20593	<i>Miconia</i>	T 15-20'				

- 20594 *Bomarea*
 20595 *Senecio*
 20596 (*Campanulaceae*)
 20597 *Weinmannia*
 20598 *Psychotria*
 20599 *Eupatorium*
 20600 (*Muricaceae*)
 20601 *Senecio*
 20602 *Eupatorium*
 20603 *Tropaeolum*
 20604 *comp. Eup?*
 20605 *Bomarea*
 20606 *Bomarea*
 20607 *Bomarea*
 20608 orchid
 20609 *Psychotria*
 20610 *Clethra*
 20611 *Espeletia*
 20612 *Eupatorium*
 20613 (rub.)
 20614 *Alsophila*
 20615 *Viburnum*
 20616 *Eupatorium*
 20617 *Columnia*
 20618 ~~*Bomarea*~~ *Begonia*
 20619 *Odontoglossum*
 20620 *Xyris*
 20621 *Enocaulum*
 20622
 20623 *Lilium*
 20624 *Camorpha*
 20625 *Weinmannia*
 20626 ~~*Podocarpus*~~ (*myrt.*)

- T 12-15'
 W. U. fl. pale y.
 small buds o.
 T 10-15'
 T 12-15' con. y.
 S 10-12' cor. pale y, lobes w.
 S 8-10' fr. brownish
 W. U. fl. pale y.
 S 6-10' cor. + sty. light p. u.
 buds q. dark r.
 H. U. m. val. pur.
 H. U. sep. deep r. pet. o.
 H. U. sep. + pet. deep r.
 H. U. sep. deep r. pet. light
 H. U. sep. dotted brown
 S 10-12' fr. pur.
 S 12-15' fr. light q.
 stems to 3'
 compact cor. q. w. lobes
 erect, 5-7' sty. light p.
 S 6-10' fr. q. cor. wilted
 above
 F. 3-5' + 15 pinnae per side
 S 6-10'
 H 2-4' cor. + sty. light p.
 H 2-3' fr. br. p. to light r.
 H 3-5' fl. deep r.
 H terr. per. y. b. spotted
 at base d.
 H caespit. heads greyish w.
 in clump.
 H caespitose
 S dragging r. pale y.
 S 4-5' heads deeper
 S 2-3' bran.
 erect
 small
 D 10-12'
 compact
 S 6-10'

Mar. 12

edge of woods

eastern slopes of
Paramo del Hatico26-
2900

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Paramo del Hatico

±2900

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edge of woods eastern slope of
Paramo del Hatico26-
2900

2020S

2020S

Paramo del Hatico

±2900

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20660	<i>Hymenophyllum</i>	Herb.	
20661	<i>Hypericum</i>	S 8"-2.5'	Pet. y.
20662	<i>Hypericum</i>	H ± shrubby 1-1.5'	Pet. y.
20663	<i>Vacciniaceae</i>	S low compact	Fr. reddish
20664	<i>Arctophyllum</i>	S erect 6-18 inches tough	Cor. wh.
20665	<i>Paspalum</i>	H	
20666	<i>Polypodium</i>	H under shelter of rock	
20667	<i>Eubothria</i>	H repent	Cor. purp.
20668	Comp.	H	Heads at y
20669	<i>Pilea</i>	H succ	
20670	<i>Cibotium</i>	Caud. 4-10', fr. 3-4' (incl. stipe)	
20671	<i>Vaccinium</i>	S 2-4'	
20672	<i>Dicksonia?</i> 679	H	
20673	<i>Polytrichum</i>	On banks	
20674	<i>Thibaudia</i>	S 8-10'	Cor. pi. Br. pi.
20675	<i>Ilex</i>	S 8-12'	
20676	<i>Thibaudia</i>	S 6-8'	Cor. pi., lobes wh.
20677	<i>Myrtaceae</i>	S 6-10'	Pet. wh., anthers y.
20678	<i>Vaccinium</i>	S 1-3'	Cor. pi. - wh.
20679	<i>Antennaria</i>	S 3-4'	Fr. black
20680	<i>Hypericum</i>	S 1-2'	Pet. y; st. ± 40
20681	<i>Lomaria</i>	H	
20682	<i>Gaultheria</i>	S 1-2'	Cor. red
20683	<i>Gonolobus</i>	H	Fls. y.
20684	<i>Dryopteris</i>	H ter	
20685	<i>Polypodium</i>	H ter. up.	
20686	<i>Polypodium</i>	H ter	
20687	<i>Befaria</i>	S ± 1'	Cor. red, with light gr.
20688	<i>Vaccinium</i>	S ± 1'	
20689	<i>Elaphoglossum</i>	Caud. H H	
20690	<i>Cibotium</i>	Caud. sub T.	
20691	<i>Hymenophyllum</i>	On banks	
20692	<i>Miconia</i>	S 1-2'	Petals & sepals pale pi. to wh. anthers light gr.

Mar. 13 Paramo del Hatico

± 2900 m.

woods

open

wooded valley

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20693	Pilea	H succ.	
20694	Miconia	S 5-10'	fr. only
20695	Anthurium	H herb.	Spathe gr.
20696	Palicourea	H 1-2', ±	Cor. bright y
20697	Dryopteris	H	
20698	Lesneria	H 1-1.5'	Cor. red
20699	Grass	H 5-7', stems erect.	
20700	Palicourea	S 4-6'	Cor. rich dark blue
20701	Moss	On dec. logs	
20702	Bamboo	H herb	
20703	Gaultheria	S 4-6'	Cor. wh., fr. purple-black
20704	Pasithea	H	Per. purple-blue
20705	Orchid	H ter	Per. bright y.
20706	Orchid	H ter	Per. grass-gr.
20707	Laelia	H ter	3 sep. wh. + orange above
20708	Orchid	H 5' high on tree trunk, base downy	Per. brownish-pi. out,
20709	Hep	H moist soil	
20710	Marchantia	H on forest floor	
20711	Moss	" " "	
20712	Lichen	On rocks	
20713	Elaphoglossum	H	
20714	Fruehria	S 2-3'	fl. tube red out, calice red
20715	Calceolaria	H 2-3'	Cor. bright y
20716	Bomarea	H herb	Sep. red, faintly spotted purple at margin; pet. or. red,
20717	Centropogon	S 2-6'	Cor. red, out, y in.
20718	Centropogon	H woody	Cor. pinkish-red
20719	Cyrtosperma	H	
20720	Piper	S 3-4'	Spikes green
20721	Diplostegium	H	Rays wh.; fls y.
20722	Comp.	H woody	Pappus wh.
20723	Solanum	H 3-4'	Cor. wh., anthers y.
20724	Viola	H 1-2', leaves up to 4'	Pet. wh., fr. tinged toward base, lined with
20725	Miconia	S 10-12'	Bud wh.

Mar. 13	Wooded valley, Paramo del Hatico	(Ornithoglossum?)	+2900m.	
		Thickets		
		open banks		
		2 seps Cream wh., lip Cr.-w, purple-spotted margin; column Cr.-wh.		
		lined with deep red in; lip densely red-spotted		
		Woods		
		open banks		
		edges of woods western slope Par. Hatico	2800-2900m.	
		(Marsippospermum?)		
		purple-spotted		
		open banks		
		edge of woods		
		deep pi.		

- 20825 grass
 20826 *Lidigophora*
 20827 *Sichya*
 20828 *Richardia*
 20829 *Eugenia*
 20830 *Coupe*
 20831 *Solanum*
 20832 *Orecha*
 20833 *Eupatorium*
 20834 *Miconia*
 20835 *Crotalaria*
 20836 *Metastelma*
 20837 *Cupira*
 20838 *Clidemia*
 20839 *Sauvagesia*
 20840 *Epidendrum*
 20841 *Cyperus*
 20842 *Stenopneilus*
 20843 *Colinus*
 20844 *Eupatorium*
 20845 *Hyptis*
 20846 *Polygala*
 20847 *Crotalaria tenacolor*
 20848 *Meibomia*
 20849 *Cordia*
 20850 *Cassia*
 20851 *Calliandra*
 20852 *Cecropia*
 20853 *Brachistis*
 20854 *Myriocarpa*
 20855 *Rubiacae*
 20856 *Solanum*
 20857 *Phaseolus*

4-6' deep.
 H. 3-4' pet. p.
 H. V. cor. y. p. g.
 H. V. fr. gr.
 S 6-10' fr. black
 S 4-6' fl. white y
 H 2-3' cor. bright bl., anther y
 V woody Pet. pink-bl.,
 standard pink, lined
 S 2-4' cor. g. w. lobes
 S 4-8' tall. light p.
 H. low pet. y.
 H. V. cor. g. w. per. at cen.
 H. pet. p.
 S 2-4' pet. p.
 H. cor. g. w.
 H. 5 up. o. r. apex
 H. col. o. r. p. y. dist.
 H. (cm) per. g. - p. ting
 H. 2-6' cor. r.
 H. cor. g. w. sunsh. lined
 H. lobes to y. pet. per.
 H. cor. w.
 H. pet. br. v. to pink v.
 H. pet. y.
 H. 6-12' pet. deep. p. b.
 S 2-3' cal. light g.
 S 12-15' pet. y.
 S or small y.
 S 8-12' 25-35'
 S 4-5' cor. y
 T 10-15'
 V herb cor. red, pale at base
 S 6-8' cor. wh., anther y-g
 V herb Pet cream-wh to wh

Mar. 18 ~~woods~~ ^{open} hills. v. Clinacota 13-14-2
 1400

19 edge of woods, bet. Clinacota & Esmeralda 1000-
 1300m. 3

20858	<i>Alcalypha</i>	T 12-20'
20859	<i>Baccharis</i>	S 12-15'
20860	<i>Casahuate</i>	T 15-20'
20861	<i>Mimosa</i>	H ⁴ woody below, 1-3'
20862	<i>Bursera</i>	T 25-30'
20863	<i>Cestrum</i>	T 12-15'
20864	<i>Vernonia</i>	S erect, 3-4'
20865	<i>Solanum</i>	S 8-12'
20866	<i>Crotalaria</i>	S ^{stem} erect, 5-8'
20867	<i>Eclipta</i>	V herb
20868	<i>Passiflora biflora</i>	V herb
20869	<i>Jacquemontia</i>	H vine
20870	<i>Passiflora ligularis</i>	V woody
20871	<i>Comp.</i>	V woody
20872	<i>Abutilon</i>	S erect, 3-4'
20873	<i>Bignonia</i>	V woody
20874	<i>Machaerium</i>	T 20-25'
20875	<i>Elaeagnus</i>	T 25-30'
20876	<i>Cassia</i>	H ¹ 1'
20877	<i>Bignonia</i>	V woody
20878	<i>Aristolochia</i>	V woody
20879	<i>Passiflora perlobata</i>	V woody
20880	?	T 20-30'
20881	<i>Piper</i>	S 6-8'
20882	?	T 12-20'
20883	<i>Eupatorium</i>	S 6-10'
20884	<i>Sesuvium</i>	V herb
20885	<i>Jacquemontia</i>	V herb
20886	<i>Bambusa</i>	S ^{stem} erect, 3-10'
20887	<i>Passiflora suberosa</i>	V woody
20888	<i>Stigmaphyllon</i>	V woody
20889	<i>Mimosa</i>	S ^{stem} erect, 10-15'
20890	<i>Alternanthera</i>	H ¹ erect, much -

Pet. gr. - wh.

Stem, pi.

Cor. y-g.

Cor. g-w, styles pi.

Cor. bl.-pimp., anthers y

Cor. y

See notes

Cor. bright light blue

Cor. cream-y.

Ray y, pur. striped,

Pet. pure wh.

Cor. bright pi.

Pet. pi.

Pet. stem. wh.

Pet. y

Cor. wh.

Tube y-g, pur. - reticulate lobes becoming almost solid purple.

See notes

Sep. gr.

Plant bright gr.

Calyx y-g.

Cor. gr.-wh, lobes ovate, pi.

Pet. wh.

Cor. bright blue

Pet. pure wh.

Sep. y-g.

Fr. only

St. bluish - pi.

Heads wh.

Mar. 19 thickets, bet. Chiriacota & La Esmeralda

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1300 m. 1

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26/27

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florals y

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- 20891 *Cinchona* T small, 12-20' Cor. brownish-pi.
 20892 *Securidaca* T Cor. gr.-wh.
 20893 *Gouania* V woody Fls. gr.
 20894 *Comp.* S erect, 4-8' Cor. wh.
 20895 *Roxaceae* T 15-25' Fls. cream
 20896 ? *Brekenridgea* T 12-15' Fr. gr., lmp. pur.
 20897 *Malpighia* S 6-10' pet. y.
 20898 *Soraulia* W.V. pet. w.
 20899 *Zizyphus* T small fl. y.
 20900 *Warawickia* T 20-25' fr. br. r.
 20901 *Ichthanthus* H 5-6'
 20902 *Eupatorium* *Tournefortia* S subcan cor. w.
 20903 *comp.* H 4-5' rays y. slightly
 20904 *comp.* H 4-5' rays y. deeper
 20905 *Buddleia* S 6-10' cor. y.
 20906 *Eupatorium* S 8-12'
 20907 *Mikania* V woody cor. y.
 20908 *Solanum* V below cor. w. ant. y.
 20909 *Tagetes* S 3-4' stem erect, unbranched
 20910 *Clusia* S. gran. towards summit pet. b.
 20911 *Solanum* H 2-4' cor. w. ant. y.
 20912 *Eschynomene* H 1-2' pet. y.
 20913 *Tournefortia* W.V.
 20914 *Struthanthus* F.S.
 20915 *Samelia* S erect cor. r.
 20916 *Ipomoea* H.V. cor. w.
 20917 *Ipomoea* H.V. cor. p.
 20918 *Stigmaphyllon* W.V.
 20919 *Piper* S 8-10'
 20920 *Calyptra* S 6-10'
 20921 *Cassia* S erect pet. y.
 20922 *Calliandra* S 7-12-13'
 20923 *Eclipta* H.V. congy.

Mar. 19 Thickets, bet. Chinacota & La Esmeralda 1000-1300 m.

deeper

750-1000m

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- 20957 *Malvastrum* H erect 2-4' pet. y.
 20958 *Heliotropium* H 1-2' cor. greenish lobes w.
 20959 — H U. cor. + lobes gr.
 20960 *Eupatorium* H 1-2' cor lobes + sty. b.
 20961 *Piper* S 10-15'
 20962 *Comp.* H U. tube greenish lobes + sty. w.
 20963 *Solanum* S 2-3' cor. w.
 20964 *Sterculia* H 1-2' pet. + style. y.
 20965 *Paspalum* H 2-3' cor. lobes + ant. w.
 20966 *Citralobis* H 2-3' cor. lobes + ant. w.
 20967 *Bradburia* H U. pet. bl. w. deeper
 20968 *Comp.* S 2-5' rays br. y. cor. lobes + sty. deeper.
 20969 *Grassant* H U. pet. q. w.
 20970 *Spones* H U. cor. br. b.
 20971 — H pro. pet. y.
 20972 *Spones* H U. cor. lav.
 20973 *Eupatorium* H 15-20' cor. lobes + sty. b.
 20974 *Mimosa* H 1-2' fil. w. ant. g. y.
 20975 *Juncus Eleocharis* H in water of ditch.
 20976 *Juncus* H "
 20977 *Cyperus* H "
 20978 — S 2-3' cor. b.
 20979 *Carica* S 2-3' pet. deep r. ant. y.
 20980 *comp.* S 2-4' cor. lobes
 20981 *(mucos.)* S much-bran. + sty. y.
 20982 *comp.* S 3-4' pet. i. p. b. pet. i. pro. rays. w. cor. lobes + sty. y.
 20983 *Mimosa* H + woody fil. p. b.
 20984 *grass* H
 20985 — H
 20986 *Paspalum* H
 20987 *Udova* H pet. pale y.
 20988 — H semi-pro. pet. greenish r.
 20989 *(mimos.)* T 8-15' flat-top. pet. g. fil. w. ant. y.

Mar. 22 clearing

vic. Cucuta

± 215

thickets

clearing
th.
clearingth.
cl.

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- 20990 *comp.*
 20991
 20992 *comp.*
 20993 *Evolvulus*
 20994 (*malv.*)
 20995 (*malv.*)
 20996 (*malv.*)
 20997
 20998 *Triumfetta*
 20999
 21000 *Passiflora*
 21001 (*rupr.*)
 21002 (*ramb.*)
 21003 *Scutellaria*
 21004 *Piper*
 21005 *Crotalaria*
 21006 *Zinnia*
 21007 *Ipomoea*
 21008 *Cissus*
 21009 *Turnera*
 21010 *Acacia*
 21011 (*amarant.*)
 21012 *Passiflora ligularis*
 21013 *Ocotea*
 21014 *Harknessia*
 21015 *Ipomoea*
 21016 *Cassia*
 21017 *Ipomoea*
 21018 *Myrtaceae* *Croton*
 21019 *comp.*
 21020 *Jacquinia*
 21021 *Cordia*
 21022 *Ipomoea*

H 1-3' ^{woody cor & sty} pure w.
 W.U. fr. br. r. seeds jet black.
 S 3-5' rays br. y. cor. lobes & sty deeper.
 H.U. fl. pale g.
 H 1-2' cor. pale b.
 S 2-3' cor. pale y.
 H upright, cor. pale y.
 H 2-3' ^{alt. lighter} pet. g. w. cor. pale y.
 H 2-3' sep. g. y.
 H erect milky pet. g. w.
 H.U. juice pure w.
 H.U. often prostrate or low-climbing
 in water sp. g.
 S of ditch pet. & fil. br. y.
 S 4-6' spread. ant. pale b.
 H 6-10'
 S 1-2' pet. y. sometimes striped with deep pur.
 H 2-6' ^{erect} descr. desc.
 H.U. cor. w.
 H.U. bl. g.
 H cor. dark y.
 S 6-10' sta. br. y.
 H.U. s. tp. w. cor. y.
 H.U. 15-18'
 S 10-15' pet. & sta. y.
 H.U. cor. rich y.
 S 15-25' pet. y.
 H.U. cor. light p. to w.
 H 1' sta. w.
 H 1-2' beal. g. w.
 H.U. cor. br. b.
 S spreading cor. w.
 S 6-10'
 H.U. cor. rich p.

Mar. 22. thicket

vic. Cucuta

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23 and land

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|-------|--------------------------------------|---|
| 21023 | <i>Securidaca</i> | H. 1 woody below
2-2½' pet. w. |
| 21024 | <i>Cardiaphennum</i> | H. U. |
| 21025 | <i>Bursera</i> | T. 12-15' |
| 21026 | <i>Ficus</i> | T. 20' crown under spread
tr. 1' di. flat topped |
| 21027 | <i>Echinocactus</i> (Wendl.) B. & R. | None. |
| 21028 | <i>Coccolobis</i> | T. 10-15' Fls. white |
| 21029 | <i>Paspalum</i> | H. |
| 21030 | <i>Piper</i> | S. 6-8' |
| 21031 | <i>Cordia</i> | T. 8-12' pet. w. |
| 21032 | | T. 20-25' (depress. in trunk
wood magenta) |
| 21033 | <i>Phorodendron</i> | E.S. on 21032 |
| 21034 | " | E.S. " notes |
| 21035 | <i>Passiflora mortifera</i> | H. V. |
| 21036 | Grass | H. |
| 21037 | <i>Colan</i> | S. 2-4' pet. w. |
| 21038 | <i>Passiflora</i> | H. U. |
| 21039 | <i>Acacia</i> | S. 3-6' sta. w. |
| 21040 | <i>Agave</i> | H. flower stalk erect, 6-18' fl. y.
leaves basal, to 5' l. |
| 21041 | <i>Mimosa</i> (acae) | T. crown spread
30-35' |
| 21042 | <i>Calliandra</i> | T. 20-25' sta. w. |
| 21043 | <i>Ipomea</i> | H. U. cor. p. darker at
base m. |
| 21044 | <i>Passiflora suberosa</i> | H. U. sep. g. y. fr. black. |
| 21045 | <i>Asclepias</i> | V. per. cor. g. y. |
| 21046 | | S. 4-8' cor. light y. lower
lip with pur. base m. |
| 21047 | | S. 10-12' |
| 21048 | <i>Acacia farnesiana</i> | T. 8-15' sta. y. |
| 21049 | <i>Colan</i> | S. 3-4' pet. w. |
| 21050 | <i>Elythia</i> | H. cor. br. blue. |
| 21051 | <i>Spigelia</i> | H. |
| 21052 | <i>Heliotropium</i> | H. sub. pro. cor. w. |
| 21053 | <i>Opuntia</i> | H. 3-8' per. light y. |
| 21054 | <i>Cassia</i> | T. 10-12' pet. pale y. |
| 21055 | <i>Acacia</i> | S. 2-6' sta. w. |

Mar. 23 and land vic Cicuta T 215

Cret. along city streets.

24 ~~edge of~~ cleaning, vic La Grita Veneg. ⁺²⁰⁰ ~~+200~~
edge of woods, Valdiverramae
26 park Maracaibo seg. br.
in yard

Mar. 29 and tucks
and land

max width of leaves 12"

[illegible]

- 21056 *Sterculia*
 21057 *Curcuma*
 21058 *Cordia*
 21059 *Lantana*
 21060 *Heliotropium barbeflorum*
 21061 *Conocarpus*
 21062 *Haemodorum*
 21063 *Acacia*
 21064 *Cardiospermum*
 21065 *Lantana*
 21066 *Erythrina*
 21067 *Cordia*
 21068 *Cordia*
 21069 *Cephaloscypha*
 21070 *Galium*
 21071 *Crop.*
 21072 *grass*
 21073 *Prosopis*
 21074 *Operculina*
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 21076 *Jacquinia*
 21077 *Capparis*
 21078 *Passiflora*
 21079 *Pachira*
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 21081 *Struthanthus*
 21082 *Capparis*
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 21085 *Phoradendron*
 21086 *Macharium*
 21087 *Bauhinia*
 21088 *Passiflora*

H. \pm woody below
 T. 1-2' cor. w. pet. deep Mar. 29. and land

S. 2-4' cor. w. r. o.
 S. 3-4' cor. w. ting bluish

H. \pm woody below cor. w.
 T. 25-35' bran. much

T. 12-15' pet. y.

S. 3-5' ant. w.

H. V. pet. w.
 S. 3-5' cor. light y.

T. leaves pet. o. star r.
 T. before 15-20'

S. 4-5' cor. w.

T. 10-15' bran. cor. w.
 T. 4-20' drooping

H. trunk
 T. 15-20' leaves at crown

H. Rang. wh. fl. y

H.
 T. 12-20' crown infl. g. w.

T. flat topped cor. p.

W. V.
 T. 12-15' infl. g. w.

T. 15-25' cor. y. w. to y.

T. 12-20' pet. q. out, p. in.
 T. slender star. prox. p. dist.

H. V.
 T. 15-25' fr. only.

T. 15-20' fr. br. g.

E. S. infl. y. g.

T. 20-25' pet. q. y. star w.
 T. 15-20' pet. q. y. star w.

T. 10-20' pet. q. w.

T. 8-12' pet. q. w.

E. S. on 21083

T. 25-35' pet. br. o. y.

T. 15-20' pet. y.

H. V. cor. y. g. pet. w.
 corolla fr. pur, wat tips, leaves lavender

coastal strip

and land

30 coastal strip

Apr. 2 and land Puerto Colombia sea

5.

south of Santa Marta

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- 21089 *Adinocalymna*
 21090 *Haematoxylon*
 21091 *Tabebuia*
 21092 *Ocotea*
 21093 *Acacia*
 21094 *Haematoxylon*
 21095 *Stigmaphyllon*
 21096 *Cassia*
 21097 *Securidaca*
 21098 *Tillandsia*
 21099 *Tabebuia*
 21100 (acanth)
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 21102 *Cassia*
 21103 *Passiflora*
 21104 *Cordia*
 21105 *Tournefortia*
 21106 *Haematoxylon*
 21107 *Acanth*
 21108 *Tabernaemontana*
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~~W.V. clay~~
 W.V.
 15-20' fr. only
 25-40' cor. black pur.
 E.S.
 20-25' mft. br. y.
 15-20' pet. y.
 W.V.
 15-25' pet. o. y.
 W.V. pet. g. w. fr. light g.
 F.H.
 25-30' cor. purish b.
 S. 5-7' stem slender,
 erect cor. w.
 8-12' pet. pur. o.
 6-8' fr. only
 H.V. sep. g. w. out. pale p. in.
 12-15' cor. cream w.
 H.V. milky cor. g. w. and y.
 12-15' cor. pure w.
 H Cor. light pinkish-blue

V climbing over shrubs

Gr. 5. and land. *Conth. of Santa Marta* ^{sep} _{lev.}

- 7 Cristobal, C. 2.; waste land
 La Popa
 Tierrabomba; coastal thicket
 Turbaco; coastal thicket
 Los Volcanes; ~~at~~
 Arjona; sandy soil
 " edge of field
 El Roble
 " "
 Mutiscua
 Bet. " o Pamplona Obispo
 " La Teja o Rio Negro; woods
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 Pica-Pica dense wds.

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Pica-Pica dense woods	
Western side Culaga, above Japata' dense woods	
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Western slope, Par. Hatico, edge of wds.	
Eastern " " " " " " " " " " " "	
Puerto Wilches, edge of woods	
Pet. Nariño & Tambor,	
Western slopes	
Mesa - rocky bank	
Western slopes, Mesa. Marshy soil	
" " " " " " " " " " " "	
Mesa; in open	
" marshy meadow	
" rocky cliff	
" dry grassland	
No. slope " Thicket.	
Pet. Pde C. Vegas, wet bank.	
Above Vegas, woods.	
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Vegas, paramo	
" " " " " " " " " " " "	
Do " paramo	

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21193 *lauguiniba*

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21202 *Tobacco*21203 *"balsamo"*21204 *digitalis*21205 *Malvaceae*

21206 "

21207 *Ruta*21208 *Opoc.?*

21209 ?

21210 *Unit?*21211 *Verbena*

21212 ?

21213 *lauguiniba Satueja*21214 *comp.*21215 *Hydrocotyle*

21216 ?

21217 ?

21218 *Satureja Thibaudii* = 15572a21219 *Chamaefistula "chamaefistula"*21220 *Melia azederach*

Tree 30-40'

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Mutiscus

Cuban plants cult. in Buc. 12/24/26

cult. Buc.

Mutiscus (probably not native)

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Buc. (coll. by Gov. Mantilla)

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22359 *Selaginella triulcata* Asplund det. Somers 1978

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23543 *Selaginella diffusa* (Presl) Spring det. Sowers 1978

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